



#4 | Amdt. A
T. Ogunmakinwa
6/24/91

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of
RICHARD EDWARD FERNANDEZ

Case No.: CH-1763

Art Unit: 223

Serial No.: 07/436,464

Examiner: J. D. ANTHONY

Filed: November 14, 1989

For: FIRE EXTINGUISHING COMPOSITION AND PROCESS

RECEIVED

JUN 24 1991

Wilmington, Delaware

Date: 14 JUNE 1991

GROUP 220

RESPONSE

Hon. Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

In response to the Office Action of January 15, 1991, please amend the subject application as follows:

In the Claims

In Claims 7 and 9, line 1, change "comprising" to
--consisting essentially of--.

In Claim 8, lines 3 and 4, cancel "said propane
introduced into said enclosed area" and substitute --said
fluoro-substituted propane--.

In Claim 11, line 3, cancel "said propane" and
substitute --said fluoro-substituted propane--.

DISCUSSION

1. Applicant affirms the election (with traverse)
to prosecute the invention of Group II, Claims 7-13.

2. Applicant's invention relates to the discovery
that certain fluoro-substituted propanes all containing at
least 6 fluorine atoms, are highly effective fire-
extinguishing agents. Currently, commercial fire-
extinguishing agents involve bromine-containing halocarbons.
However, bromine-containing halocarbons are toxic to humans
and recently have been found to deplete the stratospheric
ozone layer, their ozone depletion potential being even
greater than the much publicized chlorofluorocarbons